



JENKINS  
WILSON  
& TAYLOR

patent attorneys

October 29, 2004

RICHARD E. JENKINS

JEFFREY L. WILSON

CHARLES A. TAYLOR, JR.

GREGORY A. HUNT

E. ERIC MILLS

BENTLEY J. OLIVE

MICHAEL J. CROWLEY

\*CHRIS PERKINS, PH.D.

\*\*JAMES DALY IV, PH.D.

JEFFREY CHILDERS, PH.D.

OF COUNSEL  
SOROJINI BISWAS

\*LICENSED ONLY IN CA

\*\*LICENSED ONLY IN KY

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-7450 on October 29, 2004.

Angela L. Boyd

Date of Signature: October 29, 2004

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Patent Application Serial No. 10/055,604 for  
AUTOMATED METHODS AND SYSTEMS FOR ANALYZING  
DATA ASSOCIATED WITH AN INDUSTRIAL PROCESS  
Our Ref. No. 63288-292 (JWT Ref. No. 1174/81/4)

Sir:

Please find enclosed in connection with the subject U.S. patent application the following documents:

1. An Amendment Transmittal Form (in duplicate, 2 pages);
2. An Amendment A (15 pages);
3. Certificate of Mailing (PTO/SB/92, 1 page); and
4. A return-receipt postcard to be returned to us with the U.S. Patent and Trademark Office filing stamp thereon.

The Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account Number **50-0426**.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.

Jeffrey L. Wilson  
Registration No. 36,058  
Customer No: 25297

63288-292 (JWT 1174/81/4)  
JLW/alb  
Enclosures



Practitioner's Docket No. 1174/81/4

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: David M. McMahan

Application No.: 10/055,604

Group No.: 2174

Filed: 01/23/2002

Examiner: Pesin, Boris M.

For: Automated Methods And Systems for Analyzing Data Associated With An Industrial Process

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL

1. Transmitted herewith is an amendment for this application.

STATUS

2. Applicant is other than a small entity.

EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply. Applicant petitions for an extension of time under 37 C.F.R. 1.136 (fees: 37 C.F.R. 1.17(a)(1)-(4)) for one month:

Fee: \$110.00

CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\*

(When using Express Mail, the Express Mail label number is *mandatory*;  
Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

■ deposited with the United States Postal Service in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

37 C.F.R. § 1.8(a)

■ with sufficient postage as first class mail.

37 C.F.R. § 1.10\*

□ as "Express Mail Post Office to Addressee"

Mailing Label No. \_\_\_\_\_ (mandatory)

TRANSMISSION

□ facsimile transmitted to the Patent and Trademark Office, (703) \_\_\_\_\_

  
Signature

Date: 10/29/04

Angela L. Boyd

(type or print name of person certifying)

\* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

### FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

	(Col. 1)	(Col. 2)	(Col. 3)	OTHER THAN A SMALL ENTITY			
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDIT. FEE	
TOTAL	10	— 20	= 0	x	\$ 18.00	= \$	0.00
INDEP.	3	— 3	= 0	x	\$ 88.00	= \$	0.00
FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+	\$ 0.00	= \$	0.00
TOTAL ADDIT. FEE						\$	0.00

No additional fee for claims is required.

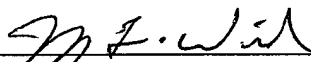
### FEE PAYMENT

5. Authorization is hereby made to charge the amount of \$110.00 to Deposit Account No. 50-0426.

A duplicate of this paper is attached.

Date: 10/29/04

Reg. No.: 36,058  
Tel. No.: 919-493-8000  
Customer No.: 25297

  
\_\_\_\_\_  
Signature of Practitioner  
Jeffrey L. Wilson  
Jenkins, Wilson & Taylor, P.A.  
Suite 1400, University Tower  
3100 Tower Boulevard  
Durham, NC 27707

## Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on October 29, 2004  
Date



Signature

Angela L. Boyd

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

The following papers listed below are submitted:

Amendment A

Amendment Transmittal

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer U S Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



2174  
\$  
JFV

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Angela L. Boyd  
Angela L. Boyd  
Date of Signature October 29, 2004

**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: David M. McMahan

Group Art Unit: 2174

**Serial No.: 10/055,604**

Examiner: Pesin, Boris M.

Filed: January 23, 2002

Docket No.: 63288-292  
(JWT 1174/81/4)

Confirmation No.: 9135

For: AUTOMATED METHODS AND SYSTEMS FOR ANALYZING DATA  
ASSOCIATED WITH AN INDUSTRIAL PROCESS

\*\*\*\*\*

**AMENDMENT A**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is responsive to the Official Action dated July 2, 2004, having an extended period for response by November 2, 2004. A Petition for a 1-month Extension of Time is filed herewith. Favorable consideration is respectfully requested in view of the following Amendments and Remarks.